



# C1000-100<sup>Q&As</sup>

IBM Cloud Solution Architect v4

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### QUESTION 1

There is a request to architect a hybrid VMware solution in IBM Cloud to address failures in the on-premise data centers. What additional VMware component would allow for seamless network access for workloads from the VMware Cluster on-premise to the VMware Cluster in IBM Cloud to facilitate resiliency into existing solutions?

- A. HCX
- B. NSX-C
- C. NSX-T
- D. NCX

Correct Answer: A

Reference: <https://cloud.ibm.com/docs/vmwaresolutions>

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### QUESTION 2

Which statement describes the IBM Cloud Kubernetes Service?

- A. IBM Cloud Kubernetes Service is subset of Cloud Foundry
- B. IBM Cloud Kubernetes Service is built on Red Hat OpenShift and can run across any cloud platform including IBM Cloud
- C. IBM Cloud Kubernetes Service is a managed offering to create and run containerized applications on IBM Cloud
- D. IBM Cloud Kubernetes Service is a self service solution designed to run Kubernetes clusters only on bare metal

Correct Answer: C

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### QUESTION 3

What industry standard encryption protocol is used for the IBM Cloud Block Storage?

- A. Industry-Standard SSL HTTPS 32 encryption
- B. Industry-Standard AES-256 encryption
- C. Industry-Standard ASE-526 encryption
- D. Industry-Standard SSL HTTP 64 encryption

Correct Answer: B

Reference: <https://www.ibm.com/cloud/blog/dont-let-your-data-pay-the-price>

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#### QUESTION 4

What resource is available in IBM Cloud to help the users quickly create IoT applications based on patterns?

- A. JDK
- B. Istio
- C. Watson API
- D. Starter Kit

Correct Answer: A

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#### QUESTION 5

The Chief Data Officer (CDO) wants to build a new data solution for his clients. This application needs access to a Spark cluster on IBM Cloud without the Spark Cluster being accessible over the Internet. If IBM Analytics Engine (IAE) is selected, what must be enabled to allow the application server to securely access IAE?

- A. Transit Endpoint
- B. Service Endpoint
- C. Gateway Endpoint
- D. Transverse Endpoint

Correct Answer: B

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#### QUESTION 6

What enables faster web performance by locating copies of web data closer to end users?

- A. Virtual Private Network
- B. Virtual Router Appliance
- C. Load Balancer
- D. Content Delivery Network

Correct Answer: D

Reference: <https://www.ibm.com/cloud/learn/content-delivery-networks>

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#### QUESTION 7

What is the maximum size of an object that can be stored in IBM Cloud Object Storage?

- A. 5 Terabytes



- B. 25 Terabytes
- C. 50 Terabytes
- D. 10 Terabytes

Correct Answer: D

Reference: <https://www.ibm.com/cloud/object-storage/faq>

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#### QUESTION 8

Which Cloud Pak provides a data transfer tool utilizing the FASP protocol to provide significantly faster throughput than typical FTP?

- A. Cloud Pak for Integration
- B. Cloud Pak for Migration
- C. Cloud Pak for Automation
- D. Cloud Pak for Applications

Correct Answer: A

Reference: <https://www.ibm.com/cloud/cloud-pak-for-integration/high-speed-data-transfer>

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#### QUESTION 9

Which file extension does the LogDNA agent monitor by default?

- A. .logdna
- B. .log
- C. .varlog
- D. .logvar

Correct Answer: B

Reference: [https://cloud.ibm.com/docs/Log-Analysis-with-LogDNA?topic=Log-Analysis-with-LogDNAlogdna\\_agent](https://cloud.ibm.com/docs/Log-Analysis-with-LogDNA?topic=Log-Analysis-with-LogDNAlogdna_agent)

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#### QUESTION 10

Why would IBM Spectrum Protect Plus form part of an overall system design in IBM Cloud?

- A. It provides a solution for system log analysis and alerting, protecting systems from unplanned downtime
- B. It provides a solution for data protection, data reuse, and data recovery for virtual environments



- C. It provides a dedicated government-only compute environment with built-in quantum-level encryption
- D. It provides a 'Premium Plus' support package for customers with ultra-business critical workloads

Correct Answer: B

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#### QUESTION 11

IBM Log Analysis with LogDNA can be used to manage which of the following?

- A. Service Mesh in IBM Cloud
- B. Only application logs in the IBM Cloud
- C. Cloud native applications logs on any Cloud
- D. System and application logs in the IBM Cloud

Correct Answer: D

Reference: [https://www.ibm.com/support/knowledgecenter/en/bluemix\\_stage/services/Log-Analysis-withLogDNA/overview.html](https://www.ibm.com/support/knowledgecenter/en/bluemix_stage/services/Log-Analysis-withLogDNA/overview.html)

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#### QUESTION 12

What is IBM Cloud Functions?

- A. A polyglot functions-as-a-service (FaaS) programming platform for lightweight code that executes on demand
- B. A capability of Cloudant for triggering an action as data is updated, for example, sending data updates to systems
- C. An IBM Cloud service for implementing multi-stage business processes involving users and systems
- D. The low-code/no-code development environment for data replication and systems integration in App Connect

Correct Answer: A

Reference: <https://www.ibm.com/cloud/functions>

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#### QUESTION 13

Which are two benefits of IBM Cloud Functions? (Choose two.)

- A. Visual debugging
- B. Scale up or down automatically
- C. Based on Kubernetes
- D. Focus on code, not infrastructure



E. Out-of-the-box connectors to several databases

Correct Answer: BD

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#### QUESTION 14

A VPC has been created with a single subnet. Virtual server instances have been deployed on the subnet that have different functions which support a production application. The security team has now said that they want to ensure that network traffic between the different server types can be controlled. How can this be achieved?

- A. Use a Hardware Security Module to create advanced network routing tables that ensure traffic does not route between server types, as per the security team's wishes
- B. Create security groups for the different server types with inbound and outbound rules that satisfy the security team, into which the VSIs can be placed
- C. Create a VPC load balancer and place each server type into its own back-end pool, then create Layer7 routing policies that restrict network traffic flowing between the different pools
- D. Create multiple access control lists with rules that satisfy the security team's requirements and associate each VSI to the respective ACL

Correct Answer: A

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#### QUESTION 15

Which IBM Cloud Virtual servers have guaranteed resource for future deployments and cost savings?

- A. Dedicated
- B. Transient
- C. Public
- D. Reserved

Correct Answer: D

Reference: <https://cloud.ibm.com/docs/virtual-servers?topic=virtual-servers-about-reserved-virtual-servers>

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